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TO: Liam Skinner, Interim Superintendent

FROM: Abbie Anderson, Director of Research and Accountability

DATE: July 14, 2023

RE: *Key Performance Indicators Quarter 4 Report*

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### **Key Performance Indicators Quarter 4 Report**

This report contains the Quarter 4 update on the Key Performance Indicators (KPI). KPIs identified fall within four main categories.

- Academic and Student Achievement
- Safe and Welcoming Environment
- Operational Efficiency, and Family
- Community Engagement

Overall, the district saw growth on most of the KPI measures between Quarter 4 of 2021-22 and Quarter 4 of 2022-23.

Key highlights are detailed below:

#### **Academic and Student Achievement:**

Compared to Quarter 4 2021-2022:

- The total number of dropouts decreased from 28 in Quarter 4 2021-22 students to 21 students in the current school year, a difference of 7.
- Decrease in seniors on track with credits and MCAS (95.8% to 87.73%) and an increase in seniors who are on track and missing 1 or more MCAS (1.1% to 3.65%).

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*Key Performance Indicators Quarter 4 Report - July 14, 2023*

\* Note: This decrease is associated with less students being offered the Competency Determination waiver. The increase for seniors who are on track and missing 1 or more MCAS relates to change in MCAS requirements, moving from a Certificate of Determination to a passing grade on the NextGen test.

- Pass rates for high school core courses have all remained relatively consistent year over year, with slight increases in Science (1.7%) and Social Studies (0.5%) and slight decreases in ELA (0.1%) and Math (2.1%).
- Pass rates for middle school core courses have all remained relatively stable, with an increase in percentage points in Math and Social Studies.
- Compared to the previous year, there was an increase of 2% of students who scored in the Tier 1 on iReady assessments in ELA and Math, while the percentage of Tier 2 students stayed relatively consistent for ELA and Math.

Academic Achievement								
Indicator	Q4 2021/22				Q4 - 2022/23			
Graduation on track with 3 MCAS/Competency Determination	On track with Credits		On track with MCAS/CD		On track with Credits		On track with MCAS/CD	
	90.4%		95.8%		91.38%		87.73%	
Graduation on track with missing 1 or more MCAS/Competency Determination	On track with Credits		Missing 1 or more MCAS/CD		On track with Credits		Missing 1 or more MCAS/CD	
	91.8%		1.1%		91.38%		3.65%	
Number of dropouts	28				21			
High School Pass rate for core courses (9-12)	ELA	Math	Science	Social S.	ELA	Math	Science	Social S.
	83.6%	83.5%	80.9%	81.9%	83.5%	81.4%	82.6%	82.4%

ELA i-Ready scores (1-9)	Q4 2021/22				Q4 2022/23			
	Tier 1	Tier 2	Tier 3		Tier 1	Tier 2	Tier 3	
	39%	29%	32%		41%	27%	32%	
Math i-Ready scores (1-9)	Tier 1	Tier 2	Tier 3		Tier 1	Tier 2	Tier 3	
	38%	37%	25%		40%	35%	25%	
Middle School pass rate for core courses (5-8)	ELA	Math	Science	Social S.	ELA	Math	Science	Social S.
	94%	92.4%	95.6%	92.3%	93%	93%	95%	93%

### Safe and Welcoming Environment:

Compared to Quarter 4 2021-2022:

- Student Average Daily Attendance saw a 3.3% increase
- Student Chronic Absences saw a 10.9% decrease from the previous year
- Students scored similarly on the DESSA assessment, with a slight decrease in the strength and typical categories as compared to the previous year

Safe and Welcoming Environment						
Indicator	Strength		Typical		In Need	
DESSA	Q4 21-22	Q4 22-23	Q4 21-22	Q4 22-23	Q4 21-22	Q4 22-23
	30%	28%	62%	63%	8%	9%
	Q4 2021/22			Q4 2022/23		
Student Average Daily Attendance	89%			92.3%		
Student Chronic Absences	35%			24.1%		

## Operational Efficiency:

Compared to Quarter 4 2021-2022:

- Substitute fill rate decreased by 6.61% for the district
- Staff diversity hiring decreased by 25%, however, this is based on the total number of hires for each quarter
- Number of teacher vacancies increased from 4 to 1
- Staff attendance remained consistent from the previous year

Operational Efficiency		
Indicator	Q4 - 2021/22	Q4 - 2022/23
Diversity Hiring	100%	75%
Staff Attendance	92%	91.3%
Substitute Fill Rate	94.7%	88.09%
Number of Teacher vacancies	4	1

## Family and Community Engagement:

Compared to Quarter 4 2021-2022:

- Community involvement in forums increased by over 1,300.
- Language access usage saw a decrease of over 2,500 between Quarter 4 of 2021-22 and Quarter 4 2022-23.
- Parent/Teacher Conferences increased from Quarter 3 of 2021-22 and Quarter 3 of 2022-23.
- Community satisfaction survey is only administered once per year and the results were shared in the Q3 report.
- School Site Council had 131 members participate and there were 965 parent/teacher conferences that were held in Q4.

<b>Family and Community Engagement</b>		
<b>Indicator</b>	<b>Q4 - 2021/22</b>	<b>Q4 - 2022/23</b>
<b>Community satisfaction survey</b>	Survey not administered again - survey results reported on in Q3 report	Survey not administered again - survey results reported on in Q3 report
<b>Community involvement in forums</b>	377	1,753
<b>Language access</b>	4,417	1,629
<b>School Site Council participation</b>	N/A	131
<b>Parent/Teacher conferences</b>	N/A	965